

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/029386

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G18/42 C08G18/48 C08G18/76 A01G9/14 A01G13/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G A01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	EP 1 331 247 A (KURARAY CO., LTD) 30 July 2003 (2003-07-30) page 2, line 1 - line 2 page 9, line 41 page 12, line 15 - page 13, line 9 examples	1-13
X	EP 0 593 271 A (NESTE OY) 20 April 1994 (1994-04-20) column 1, line 55 - column 2, line 56	1-13
X	US 5 166 232 A (MUELLER ET AL) 24 November 1992 (1992-11-24) column 1, line 58 - column 2, line 68	1-13
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

01/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Müller, M

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/US2004/029386

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 120 895 A (KOWITZ ET AL) 19 September 2000 (2000-09-19) claim 1 column 10, line 40 - line 41 column 11, line 42 -----	1-13
X	US 6 303 677 B1 (WARZELHAN VOLKER ET AL) 16 October 2001 (2001-10-16) claim 1 column 7, line 15 - line 35 column 10, line 64 - line 65 -----	1-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/029386

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1331247	A	30-07-2003	CA 2417485 A1	29-07-2003
			CN 1438275 A	27-08-2003
			EP 1331247 A1	30-07-2003
			JP 2003292771 A	15-10-2003
			US 2003225201 A1	04-12-2003
EP 0593271	A	20-04-1994	FI 924699 A	17-04-1994
			AT 153353 T	15-06-1997
			DE 69310861 D1	26-06-1997
			DE 69310861 T2	28-08-1997
			EP 0593271 A1	20-04-1994
			ES 2102608 T3	01-08-1997
			JP 3113465 B2	27-11-2000
			JP 6192373 A	12-07-1994
			US 5380813 A	10-01-1995
US 5166232	A	24-11-1992	DE 4009758 A1	02-10-1991
			AT 142671 T	15-09-1996
			CA 2038904 A1	28-09-1991
			DE 59108154 D1	17-10-1996
			DK 449041 T3	17-02-1997
			EP 0449041 A2	02-10-1991
			ES 2091254 T3	01-11-1996
			GR 3021366 T3	31-01-1997
			JP 4224838 A	14-08-1992
US 6120895	A	19-09-2000	DE 19638488 A1	26-03-1998
			AT 194153 T	15-07-2000
			AU 4554197 A	14-04-1998
			CA 2266371 A1	26-03-1998
			DK 927212 T3	28-08-2000
			WO 9812242 A1	26-03-1998
			EP 0927212 A1	07-07-1999
			ES 2149012 T3	16-10-2000
			HU 9903890 A2	28-03-2000
			JP 2001500907 T	23-01-2001
			NO 991354 A	20-05-1999
			PL 332303 A1	30-08-1999
			PT 927212 T	29-12-2000
			TW 426700 B	21-03-2001
US 6303677	B1	16-10-2001	DE 4440858 A1	23-05-1996
			AT 265485 T	15-05-2004
			AT 224414 T	15-10-2002
			AU 695820 B2	20-08-1998
			AU 2925395 A	06-06-1996
			BR 9509685 A	16-09-1997
			CA 2205071 A1	23-05-1996
			CN 1170418 A ,C	14-01-1998
			CZ 9701437 A3	12-11-1997
			DE 59510382 D1	24-10-2002
			DE 59510897 D1	03-06-2004
			DK 1074570 T3	16-08-2004
			DK 792309 T3	14-10-2002
			WO 9615173 A1	23-05-1996
			EP 1074570 A2	07-02-2001
			EP 0792309 A1	03-09-1997
			ES 2219247 T3	01-12-2004

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US2004/029386

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6303677	B1	ES 2183878 T3	01-04-2003
		HU 77198 A2	02-03-1998
		JP 10508640 T	25-08-1998
		NO 972226 A	14-07-1997
		NZ 289416 A	28-01-2000
		PL 321599 A1	08-12-1997
		PT 1074570 T	30-09-2004
		PT 792309 T	28-02-2003
		US 6201034 B1	13-03-2001
		US 6018004 A	25-01-2000

---